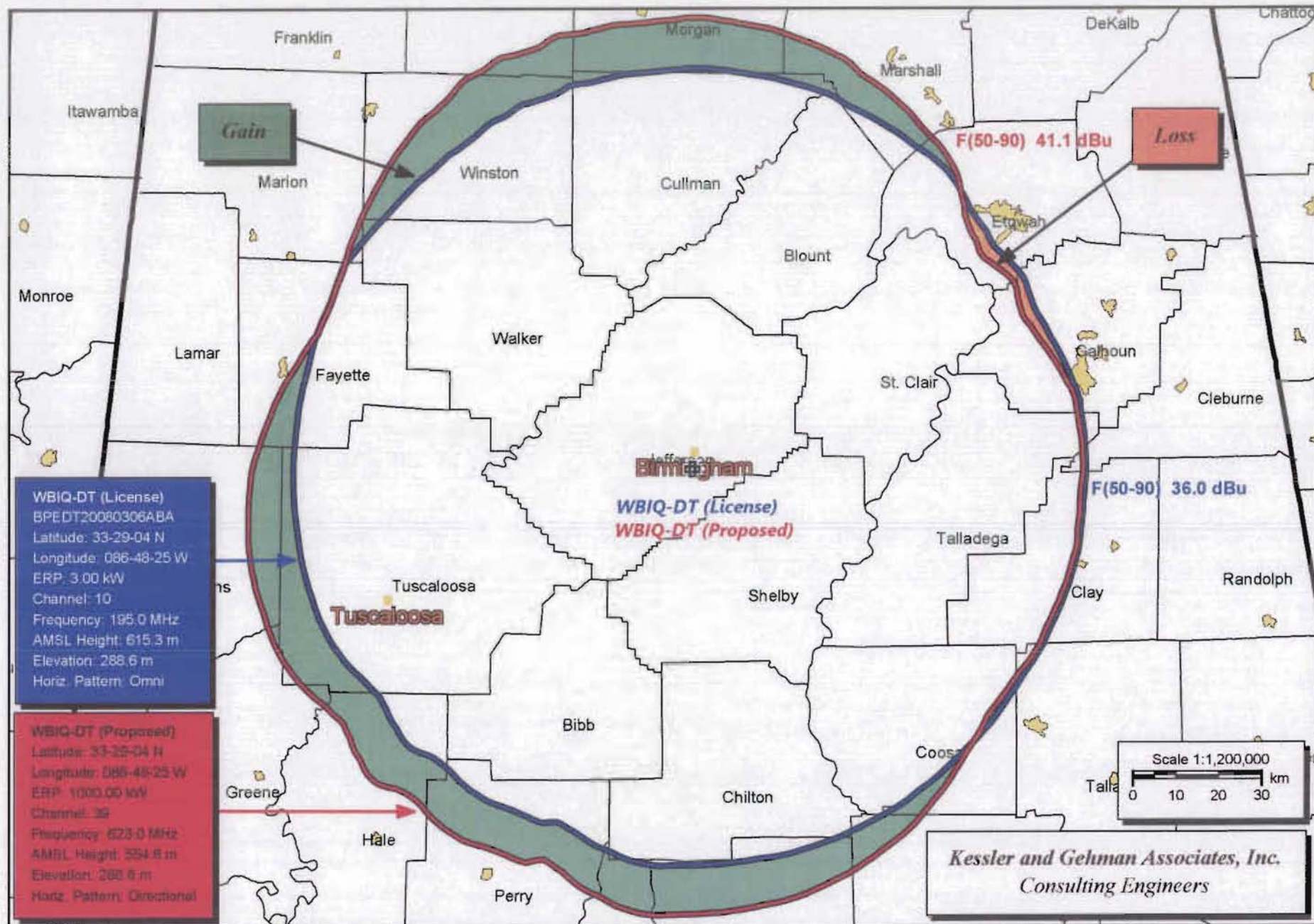


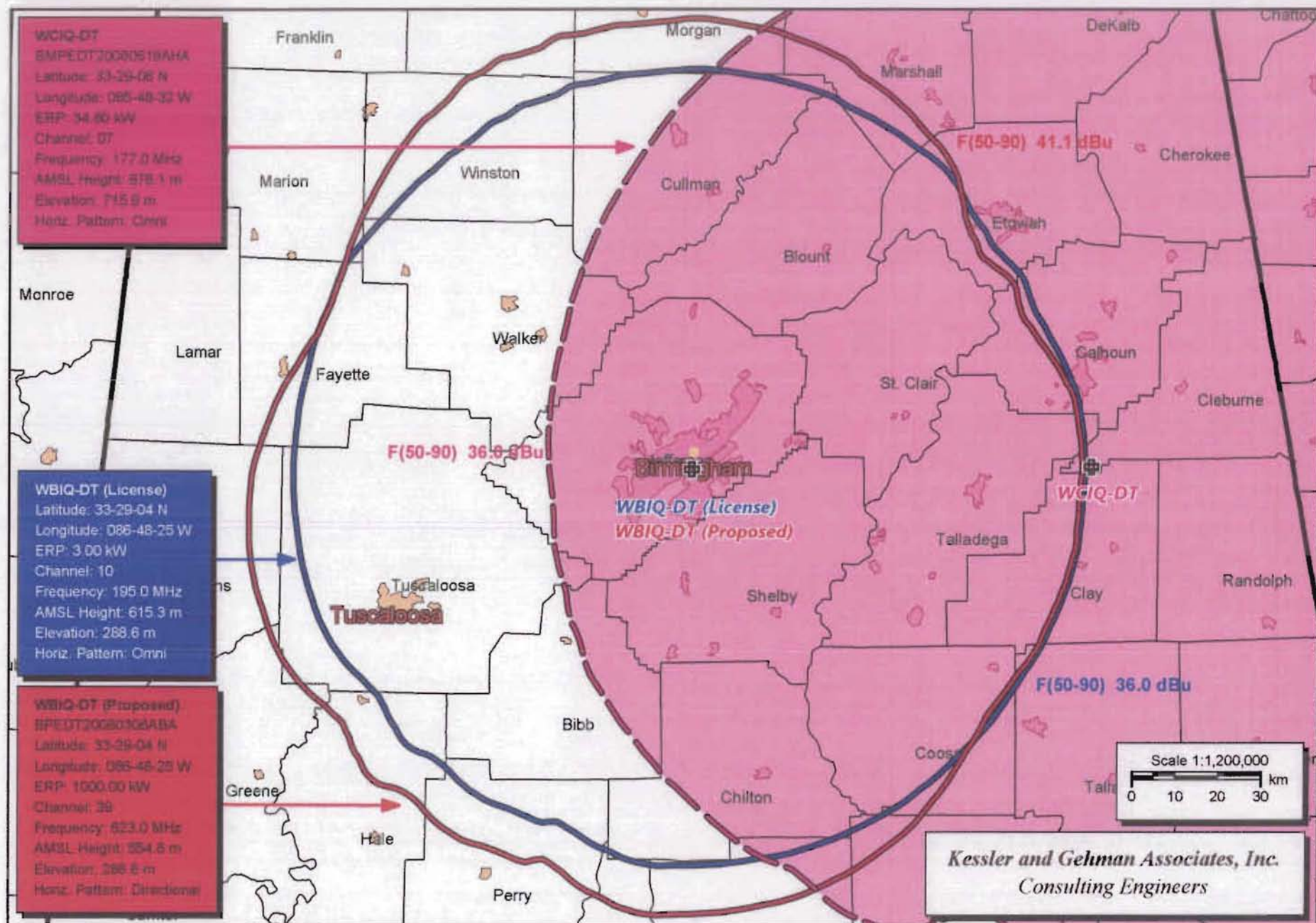
Principal Community Showing





WBID-DT Channel 10 (License) vs. WBID-DT Channel 39 (Proposed)





WBIQ-DT Channel 10 (License), WBIQ-DT Channel 39 (Proposed) & WCIQ-DT Channel 7 (License)

Percent allowed new interference: 0.500  
Percent allowed new interference to Class A: 0.500  
Census data selected 2000  
Post Transition Data Base Selected ./data\_files/pt\_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-03-2009 Time: 14:54:28

Record Selected for Analysis

WBIQ-DT USERRECORD-01 BIRMINGHAM AL US  
Channel 39 ERP 1000. kW HAAT 366. m RCMSL 00555 m  
Latitude 033-29-04 Longitude 0086-48-25  
Status APP Zone 2 Border  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	1000.000	388.0	105.1
45.0	295.936	321.8	88.6
90.0	245.025	358.8	90.9
135.0	281.961	354.2	91.6
180.0	1000.000	372.0	103.6
225.0	1000.000	367.7	103.3
270.0	810.000	383.7	102.7
315.0	640.000	378.0	100.1

Evaluation toward Class A Stations

Contour overlap to Class A station  
WBMG-LP 38 MOODY AL BLTTL 19970804JG  
D/U ratio at contour -17.18 dB  
Offset Proposed Offset Class A - Required D/U ratio: -17.0  
Radial 205.0 degrees  
Bearing to point on contour 115.4 degrees  
D/U ratio at contour -17.49 dB  
Radial 206.0 degrees  
Bearing to point on contour 116.1 degrees

D/U ratio at contour -17.79 dB  
Radial 207.0 degrees  
Bearing to point on contour 116.2 degrees  
D/U ratio at contour -18.05 dB  
Radial 208.0 degrees  
Bearing to point on contour 115.9 degrees  
D/U ratio at contour -18.31 dB  
Radial 209.0 degrees  
Bearing to point on contour 115.8 degrees  
D/U ratio at contour -18.58 dB  
Radial 210.0 degrees  
Bearing to point on contour 115.4 degrees  
D/U ratio at contour -18.85 dB  
Radial 211.0 degrees  
Bearing to point on contour 115.2 degrees  
D/U ratio at contour -19.03 dB  
Radial 212.0 degrees  
Bearing to point on contour 113.5 degrees  
D/U ratio at contour -19.22 dB  
Radial 213.0 degrees  
Bearing to point on contour 110.8 degrees  
D/U ratio at contour -19.37 dB  
Radial 214.0 degrees  
Bearing to point on contour 108.3 degrees  
D/U ratio at contour -19.55 dB  
Radial 215.0 degrees  
Bearing to point on contour 106.7 degrees  
D/U ratio at contour -19.83 dB  
Radial 216.0 degrees  
Bearing to point on contour 107.0 degrees  
D/U ratio at contour -20.14 dB  
Radial 217.0 degrees  
Bearing to point on contour 108.0 degrees  
D/U ratio at contour -20.64 dB  
Radial 218.0 degrees  
Bearing to point on contour 111.2 degrees  
D/U ratio at contour -21.01 dB  
Radial 219.0 degrees  
Bearing to point on contour 112.5 degrees  
D/U ratio at contour -21.30 dB  
Radial 220.0 degrees  
Bearing to point on contour 112.5 degrees  
D/U ratio at contour -21.57 dB  
Radial 221.0 degrees  
Bearing to point on contour 111.8 degrees  
D/U ratio at contour -21.82 dB  
Radial 222.0 degrees  
Bearing to point on contour 110.9 degrees  
D/U ratio at contour -22.03 dB  
Radial 223.0 degrees  
Bearing to point on contour 109.9 degrees  
D/U ratio at contour -22.19 dB  
Radial 224.0 degrees  
Bearing to point on contour 108.3 degrees  
D/U ratio at contour -22.39 dB  
Radial 225.0 degrees  
Bearing to point on contour 106.9 degrees

D/U ratio at contour -22.54 dB  
Radial 226.0 degrees  
Bearing to point on contour 105.5 degrees  
D/U ratio at contour -22.55 dB  
Radial 227.0 degrees  
Bearing to point on contour 103.4 degrees  
D/U ratio at contour -22.22 dB  
Radial 228.0 degrees  
Bearing to point on contour 99.6 degrees  
D/U ratio at contour -21.61 dB  
Radial 229.0 degrees  
Bearing to point on contour 95.8 degrees  
D/U ratio at contour -21.03 dB  
Radial 230.0 degrees  
Bearing to point on contour 92.7 degrees  
D/U ratio at contour -21.11 dB  
Radial 231.0 degrees  
Bearing to point on contour 91.7 degrees  
D/U ratio at contour -21.65 dB  
Radial 232.0 degrees  
Bearing to point on contour 92.7 degrees  
D/U ratio at contour -22.56 dB  
Radial 233.0 degrees  
Bearing to point on contour 94.6 degrees  
D/U ratio at contour -24.32 dB  
Radial 234.0 degrees  
Bearing to point on contour 99.8 degrees  
D/U ratio at contour -25.48 dB  
Radial 235.0 degrees  
Bearing to point on contour 103.5 degrees  
D/U ratio at contour -26.38 dB  
Radial 236.0 degrees  
Bearing to point on contour 105.1 degrees  
D/U ratio at contour -27.14 dB  
Radial 237.0 degrees  
Bearing to point on contour 105.9 degrees  
D/U ratio at contour -28.04 dB  
Radial 238.0 degrees  
Bearing to point on contour 106.7 degrees  
D/U ratio at contour -28.86 dB  
Radial 239.0 degrees  
Bearing to point on contour 107.2 degrees  
D/U ratio at contour -29.62 dB  
Radial 240.0 degrees  
Bearing to point on contour 107.0 degrees  
D/U ratio at contour -30.33 dB  
Radial 241.0 degrees  
Bearing to point on contour 106.4 degrees  
D/U ratio at contour -30.87 dB  
Radial 242.0 degrees  
Bearing to point on contour 104.9 degrees  
D/U ratio at contour -31.26 dB  
Radial 243.0 degrees  
Bearing to point on contour 102.7 degrees  
D/U ratio at contour -31.72 dB  
Radial 244.0 degrees  
Bearing to point on contour 100.8 degrees

D/U ratio at contour -32.22 dB  
 Radial 245.0 degrees  
 Bearing to point on contour 99.0 degrees  
 D/U ratio at contour -32.86 dB  
 Radial 246.0 degrees  
 Bearing to point on contour 97.3 degrees  
 D/U ratio at contour -33.05 dB  
 Radial 247.0 degrees  
 Bearing to point on contour 94.6 degrees  
 D/U ratio at contour -33.22 dB  
 Radial 248.0 degrees  
 Bearing to point on contour 91.7 degrees  
 D/U ratio at contour -33.38 dB  
 Radial 249.0 degrees  
 Bearing to point on contour 88.7 degrees  
 D/U ratio at contour -33.50 dB  
 Radial 250.0 degrees  
 Bearing to point on contour 85.8 degrees  
 D/U ratio at contour -33.74 dB  
 Radial 251.0 degrees  
 Bearing to point on contour 82.9 degrees  
 D/U ratio at contour -34.05 dB  
 Radial 252.0 degrees  
 Bearing to point on contour 80.2 degrees  
 D/U ratio at contour -34.22 dB  
 Radial 253.0 degrees  
 Bearing to point on contour 77.2 degrees  
 D/U ratio at contour -34.19 dB  
 Radial 254.0 degrees  
 Bearing to point on contour 73.9 degrees  
 D/U ratio at contour -34.08 dB  
 Radial 255.0 degrees  
 Bearing to point on contour 70.8 degrees  
 D/U ratio at contour -33.97 dB  
 Radial 256.0 degrees  
 Bearing to point on contour 67.4 degrees  
 D/U ratio at contour -34.04 dB  
 Radial 257.0 degrees  
 Bearing to point on contour 64.0 degrees  
 D/U ratio at contour -34.35 dB  
 Radial 258.0 degrees  
 Bearing to point on contour 60.3 degrees  
 D/U ratio at contour -34.07 dB  
 Radial 259.0 degrees  
 Bearing to point on contour 57.0 degrees  
 D/U ratio at contour -33.80 dB  
 Radial 260.0 degrees  
 Bearing to point on contour 53.2 degrees  
 D/U ratio at contour -33.72 dB  
 Radial 261.0 degrees  
 Bearing to point on contour 49.9 degrees  
 D/U ratio at contour -33.59 dB  
 Radial 262.0 degrees  
 Bearing to point on contour 47.5 degrees  
 D/U ratio at contour -33.78 dB  
 Radial 263.0 degrees  
 Bearing to point on contour 45.0 degrees

D/U ratio at contour -33.91 dB  
 Radial 264.0 degrees  
 Bearing to point on contour 42.6 degrees  
 D/U ratio at contour -33.69 dB  
 Radial 265.0 degrees  
 Bearing to point on contour 41.0 degrees  
 D/U ratio at contour -33.36 dB  
 Radial 266.0 degrees  
 Bearing to point on contour 39.4 degrees  
 D/U ratio at contour -33.30 dB  
 Radial 267.0 degrees  
 Bearing to point on contour 37.5 degrees  
 D/U ratio at contour -33.14 dB  
 Radial 268.0 degrees  
 Bearing to point on contour 35.7 degrees  
 D/U ratio at contour -32.66 dB  
 Radial 269.0 degrees  
 Bearing to point on contour 34.8 degrees  
 D/U ratio at contour -32.17 dB  
 Radial 270.0 degrees  
 Bearing to point on contour 34.0 degrees  
 D/U ratio at contour -31.75 dB  
 Radial 271.0 degrees  
 Bearing to point on contour 33.2 degrees  
 D/U ratio at contour -31.44 dB  
 Radial 272.0 degrees  
 Bearing to point on contour 32.2 degrees  
 D/U ratio at contour -31.06 dB  
 Radial 273.0 degrees  
 Bearing to point on contour 31.6 degrees  
 D/U ratio at contour -30.69 dB  
 Radial 274.0 degrees  
 Bearing to point on contour 30.9 degrees  
 D/U ratio at contour -30.44 dB  
 Radial 275.0 degrees  
 Bearing to point on contour 29.8 degrees  
 D/U ratio at contour -30.27 dB  
 Radial 276.0 degrees  
 Bearing to point on contour 28.4 degrees  
 D/U ratio at contour -29.90 dB  
 Radial 277.0 degrees  
 Bearing to point on contour 27.8 degrees  
 D/U ratio at contour -29.43 dB  
 Radial 278.0 degrees  
 Bearing to point on contour 27.7 degrees  
 D/U ratio at contour -28.93 dB  
 Radial 279.0 degrees  
 Bearing to point on contour 27.8 degrees  
 D/U ratio at contour -28.59 dB  
 Radial 280.0 degrees  
 Bearing to point on contour 27.2 degrees  
 D/U ratio at contour -28.40 dB  
 Radial 281.0 degrees  
 Bearing to point on contour 27.1 degrees  
 D/U ratio at contour -28.02 dB  
 Radial 282.0 degrees  
 Bearing to point on contour 27.2 degrees



D/U ratio at contour -27.57 dB  
Radial 283.0 degrees  
Bearing to point on contour 27.6 degrees  
D/U ratio at contour -27.14 dB  
Radial 284.0 degrees  
Bearing to point on contour 28.0 degrees  
D/U ratio at contour -26.70 dB  
Radial 285.0 degrees  
Bearing to point on contour 28.4 degrees  
D/U ratio at contour -26.31 dB  
Radial 286.0 degrees  
Bearing to point on contour 28.5 degrees  
D/U ratio at contour -25.99 dB  
Radial 287.0 degrees  
Bearing to point on contour 28.5 degrees  
D/U ratio at contour -25.72 dB  
Radial 288.0 degrees  
Bearing to point on contour 28.3 degrees  
D/U ratio at contour -25.38 dB  
Radial 289.0 degrees  
Bearing to point on contour 28.3 degrees  
D/U ratio at contour -25.00 dB  
Radial 290.0 degrees  
Bearing to point on contour 28.6 degrees  
D/U ratio at contour -24.62 dB  
Radial 291.0 degrees  
Bearing to point on contour 28.8 degrees  
D/U ratio at contour -24.26 dB  
Radial 292.0 degrees  
Bearing to point on contour 29.1 degrees  
D/U ratio at contour -23.91 dB  
Radial 293.0 degrees  
Bearing to point on contour 29.3 degrees  
D/U ratio at contour -23.57 dB  
Radial 294.0 degrees  
Bearing to point on contour 29.4 degrees  
D/U ratio at contour -23.18 dB  
Radial 295.0 degrees  
Bearing to point on contour 29.9 degrees  
D/U ratio at contour -22.83 dB  
Radial 296.0 degrees  
Bearing to point on contour 30.2 degrees  
D/U ratio at contour -22.51 dB  
Radial 297.0 degrees  
Bearing to point on contour 30.3 degrees  
D/U ratio at contour -22.29 dB  
Radial 298.0 degrees  
Bearing to point on contour 29.9 degrees  
D/U ratio at contour -21.97 dB  
Radial 299.0 degrees  
Bearing to point on contour 30.0 degrees  
D/U ratio at contour -21.64 dB  
Radial 300.0 degrees  
Bearing to point on contour 30.3 degrees  
D/U ratio at contour -21.32 dB  
Radial 301.0 degrees  
Bearing to point on contour 30.4 degrees

D/U ratio at contour -21.02 dB  
 Radial 302.0 degrees  
 Bearing to point on contour 30.6 degrees  
 D/U ratio at contour -20.73 dB  
 Radial 303.0 degrees  
 Bearing to point on contour 30.6 degrees  
 D/U ratio at contour -20.46 dB  
 Radial 304.0 degrees  
 Bearing to point on contour 30.5 degrees  
 D/U ratio at contour -20.19 dB  
 Radial 305.0 degrees  
 Bearing to point on contour 30.4 degrees  
 D/U ratio at contour -19.87 dB  
 Radial 306.0 degrees  
 Bearing to point on contour 30.6 degrees  
 D/U ratio at contour -19.57 dB  
 Radial 307.0 degrees  
 Bearing to point on contour 30.8 degrees  
 D/U ratio at contour -19.21 dB  
 Radial 308.0 degrees  
 Bearing to point on contour 31.3 degrees  
 D/U ratio at contour -18.85 dB  
 Radial 309.0 degrees  
 Bearing to point on contour 31.7 degrees  
 D/U ratio at contour -18.47 dB  
 Radial 310.0 degrees  
 Bearing to point on contour 32.3 degrees  
 D/U ratio at contour -18.06 dB  
 Radial 311.0 degrees  
 Bearing to point on contour 32.9 degrees  
 D/U ratio at contour -17.74 dB  
 Radial 312.0 degrees  
 Bearing to point on contour 33.2 degrees  
 D/U ratio at contour -17.38 dB  
 Radial 313.0 degrees  
 Bearing to point on contour 33.7 degrees  
 D/U ratio at contour -17.06 dB  
 Radial 314.0 degrees  
 Bearing to point on contour 34.1 degrees

Contour overlap to Class A station

W39CD 39 FULTON MS BLTTA 20090811ABQ  
 D/U ratio at contour 27.63 dB  
 Offset Proposed Offset Class A - Required D/U ratio: 34.0  
 Radial 0.0 degrees  
 Bearing to point on contour 304.8 degrees  
 D/U ratio at contour 27.53 dB  
 Radial 1.0 degrees  
 Bearing to point on contour 305.0 degrees  
 D/U ratio at contour 27.43 dB  
 Radial 2.0 degrees  
 Bearing to point on contour 305.1 degrees  
 D/U ratio at contour 27.33 dB  
 Radial 3.0 degrees  
 Bearing to point on contour 305.1 degrees  
 D/U ratio at contour 27.23 dB  
 Radial 4.0 degrees

Bearing to point on contour 305.2 degrees  
D/U ratio at contour 27.14 dB  
Radial 5.0 degrees  
Bearing to point on contour 305.3 degrees  
D/U ratio at contour 27.03 dB  
Radial 6.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 26.93 dB  
Radial 7.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 26.84 dB  
Radial 8.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 26.74 dB  
Radial 9.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 26.64 dB  
Radial 10.0 degrees  
Bearing to point on contour 305.5 degrees  
D/U ratio at contour 26.54 dB  
Radial 11.0 degrees  
Bearing to point on contour 305.5 degrees  
D/U ratio at contour 26.46 dB  
Radial 12.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 26.37 dB  
Radial 13.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 26.27 dB  
Radial 14.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 26.19 dB  
Radial 15.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 26.10 dB  
Radial 16.0 degrees  
Bearing to point on contour 305.3 degrees  
D/U ratio at contour 26.01 dB  
Radial 17.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 25.93 dB  
Radial 18.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 25.85 dB  
Radial 19.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 25.76 dB  
Radial 20.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 25.67 dB  
Radial 21.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 25.58 dB  
Radial 22.0 degrees  
Bearing to point on contour 305.5 degrees  
D/U ratio at contour 25.50 dB  
Radial 23.0 degrees

Bearing to point on contour 305.5 degrees  
D/U ratio at contour 25.41 dB  
Radial 24.0 degrees  
Bearing to point on contour 305.5 degrees  
D/U ratio at contour 25.35 dB  
Radial 25.0 degrees  
Bearing to point on contour 305.4 degrees  
D/U ratio at contour 25.28 dB  
Radial 26.0 degrees  
Bearing to point on contour 305.3 degrees  
D/U ratio at contour 25.20 dB  
Radial 27.0 degrees  
Bearing to point on contour 305.3 degrees  
D/U ratio at contour 25.12 dB  
Radial 28.0 degrees  
Bearing to point on contour 305.3 degrees  
D/U ratio at contour 25.04 dB  
Radial 29.0 degrees  
Bearing to point on contour 305.3 degrees  
D/U ratio at contour 24.96 dB  
Radial 30.0 degrees  
Bearing to point on contour 305.3 degrees  
D/U ratio at contour 24.89 dB  
Radial 31.0 degrees  
Bearing to point on contour 305.3 degrees  
D/U ratio at contour 24.82 dB  
Radial 32.0 degrees  
Bearing to point on contour 305.3 degrees  
D/U ratio at contour 24.75 dB  
Radial 33.0 degrees  
Bearing to point on contour 305.2 degrees  
D/U ratio at contour 24.68 dB  
Radial 34.0 degrees  
Bearing to point on contour 305.2 degrees  
D/U ratio at contour 24.60 dB  
Radial 35.0 degrees  
Bearing to point on contour 305.2 degrees  
D/U ratio at contour 24.53 dB  
Radial 36.0 degrees  
Bearing to point on contour 305.2 degrees  
D/U ratio at contour 24.46 dB  
Radial 37.0 degrees  
Bearing to point on contour 305.1 degrees  
D/U ratio at contour 24.39 dB  
Radial 38.0 degrees  
Bearing to point on contour 305.1 degrees  
D/U ratio at contour 24.31 dB  
Radial 39.0 degrees  
Bearing to point on contour 305.1 degrees  
D/U ratio at contour 24.24 dB  
Radial 40.0 degrees  
Bearing to point on contour 305.1 degrees  
D/U ratio at contour 24.16 dB  
Radial 41.0 degrees  
Bearing to point on contour 305.1 degrees  
D/U ratio at contour 24.10 dB  
Radial 42.0 degrees



Bearing to point on contour 305.0 degrees  
D/U ratio at contour 24.04 dB  
Radial 43.0 degrees  
Bearing to point on contour 304.9 degrees  
D/U ratio at contour 23.99 dB  
Radial 44.0 degrees  
Bearing to point on contour 304.9 degrees  
D/U ratio at contour 23.94 dB  
Radial 45.0 degrees  
Bearing to point on contour 304.8 degrees  
D/U ratio at contour 23.87 dB  
Radial 46.0 degrees  
Bearing to point on contour 304.7 degrees  
D/U ratio at contour 23.80 dB  
Radial 47.0 degrees  
Bearing to point on contour 304.7 degrees  
D/U ratio at contour 23.75 dB  
Radial 48.0 degrees  
Bearing to point on contour 304.6 degrees  
D/U ratio at contour 23.70 dB  
Radial 49.0 degrees  
Bearing to point on contour 304.5 degrees  
D/U ratio at contour 23.64 dB  
Radial 50.0 degrees  
Bearing to point on contour 304.5 degrees  
D/U ratio at contour 23.57 dB  
Radial 51.0 degrees  
Bearing to point on contour 304.4 degrees  
D/U ratio at contour 23.49 dB  
Radial 52.0 degrees  
Bearing to point on contour 304.4 degrees  
D/U ratio at contour 23.41 dB  
Radial 53.0 degrees  
Bearing to point on contour 304.4 degrees  
D/U ratio at contour 23.33 dB  
Radial 54.0 degrees  
Bearing to point on contour 304.4 degrees  
D/U ratio at contour 23.27 dB  
Radial 55.0 degrees  
Bearing to point on contour 304.3 degrees  
D/U ratio at contour 23.23 dB  
Radial 56.0 degrees  
Bearing to point on contour 304.3 degrees  
D/U ratio at contour 23.19 dB  
Radial 57.0 degrees  
Bearing to point on contour 304.1 degrees  
D/U ratio at contour 23.16 dB  
Radial 58.0 degrees  
Bearing to point on contour 304.0 degrees  
D/U ratio at contour 23.11 dB  
Radial 59.0 degrees  
Bearing to point on contour 303.9 degrees  
D/U ratio at contour 23.06 dB  
Radial 60.0 degrees  
Bearing to point on contour 303.8 degrees  
D/U ratio at contour 23.01 dB  
Radial 61.0 degrees

Bearing to point on contour 303.8 degrees  
D/U ratio at contour 22.95 dB  
Radial 62.0 degrees  
Bearing to point on contour 303.7 degrees  
D/U ratio at contour 22.90 dB  
Radial 63.0 degrees  
Bearing to point on contour 303.6 degrees  
D/U ratio at contour 22.87 dB  
Radial 64.0 degrees  
Bearing to point on contour 303.5 degrees  
D/U ratio at contour 22.82 dB  
Radial 65.0 degrees  
Bearing to point on contour 303.4 degrees  
D/U ratio at contour 22.77 dB  
Radial 66.0 degrees  
Bearing to point on contour 303.3 degrees  
D/U ratio at contour 22.72 dB  
Radial 67.0 degrees  
Bearing to point on contour 303.3 degrees  
D/U ratio at contour 22.66 dB  
Radial 68.0 degrees  
Bearing to point on contour 303.2 degrees  
D/U ratio at contour 22.60 dB  
Radial 69.0 degrees  
Bearing to point on contour 303.1 degrees  
D/U ratio at contour 22.59 dB  
Radial 70.0 degrees  
Bearing to point on contour 303.0 degrees  
D/U ratio at contour 22.59 dB  
Radial 71.0 degrees  
Bearing to point on contour 302.8 degrees  
D/U ratio at contour 22.59 dB  
Radial 72.0 degrees  
Bearing to point on contour 302.7 degrees  
D/U ratio at contour 22.53 dB  
Radial 73.0 degrees  
Bearing to point on contour 302.6 degrees  
D/U ratio at contour 22.48 dB  
Radial 74.0 degrees  
Bearing to point on contour 302.5 degrees  
D/U ratio at contour 22.42 dB  
Radial 75.0 degrees  
Bearing to point on contour 302.4 degrees  
D/U ratio at contour 22.35 dB  
Radial 76.0 degrees  
Bearing to point on contour 302.3 degrees  
D/U ratio at contour 22.32 dB  
Radial 77.0 degrees  
Bearing to point on contour 302.2 degrees  
D/U ratio at contour 22.27 dB  
Radial 78.0 degrees  
Bearing to point on contour 302.1 degrees  
D/U ratio at contour 22.27 dB  
Radial 79.0 degrees  
Bearing to point on contour 302.0 degrees  
D/U ratio at contour 22.29 dB  
Radial 80.0 degrees

Bearing to point on contour 301.8 degrees  
D/U ratio at contour 22.29 dB  
Radial 81.0 degrees  
Bearing to point on contour 301.6 degrees  
D/U ratio at contour 22.29 dB  
Radial 82.0 degrees  
Bearing to point on contour 301.5 degrees  
D/U ratio at contour 22.27 dB  
Radial 83.0 degrees  
Bearing to point on contour 301.3 degrees  
D/U ratio at contour 22.25 dB  
Radial 84.0 degrees  
Bearing to point on contour 301.2 degrees  
D/U ratio at contour 22.19 dB  
Radial 85.0 degrees  
Bearing to point on contour 301.1 degrees  
D/U ratio at contour 22.13 dB  
Radial 86.0 degrees  
Bearing to point on contour 301.0 degrees  
D/U ratio at contour 22.12 dB  
Radial 87.0 degrees  
Bearing to point on contour 300.9 degrees  
D/U ratio at contour 22.06 dB  
Radial 88.0 degrees  
Bearing to point on contour 300.8 degrees  
D/U ratio at contour 22.05 dB  
Radial 89.0 degrees  
Bearing to point on contour 300.6 degrees  
D/U ratio at contour 22.08 dB  
Radial 90.0 degrees  
Bearing to point on contour 300.4 degrees  
D/U ratio at contour 22.12 dB  
Radial 91.0 degrees  
Bearing to point on contour 300.2 degrees  
D/U ratio at contour 22.14 dB  
Radial 92.0 degrees  
Bearing to point on contour 300.1 degrees  
D/U ratio at contour 22.14 dB  
Radial 93.0 degrees  
Bearing to point on contour 299.9 degrees  
D/U ratio at contour 22.09 dB  
Radial 94.0 degrees  
Bearing to point on contour 299.8 degrees  
D/U ratio at contour 22.06 dB  
Radial 95.0 degrees  
Bearing to point on contour 299.6 degrees  
D/U ratio at contour 22.02 dB  
Radial 96.0 degrees  
Bearing to point on contour 299.4 degrees  
D/U ratio at contour 22.02 dB  
Radial 97.0 degrees  
Bearing to point on contour 299.3 degrees  
D/U ratio at contour 22.00 dB  
Radial 98.0 degrees  
Bearing to point on contour 299.1 degrees  
D/U ratio at contour 21.99 dB  
Radial 99.0 degrees

Bearing to point on contour 298.9 degrees  
D/U ratio at contour 21.98 dB  
Radial 100.0 degrees  
Bearing to point on contour 298.7 degrees  
D/U ratio at contour 21.97 dB  
Radial 101.0 degrees  
Bearing to point on contour 298.5 degrees  
D/U ratio at contour 21.96 dB  
Radial 102.0 degrees  
Bearing to point on contour 298.3 degrees  
D/U ratio at contour 21.93 dB  
Radial 103.0 degrees  
Bearing to point on contour 298.2 degrees  
D/U ratio at contour 21.89 dB  
Radial 104.0 degrees  
Bearing to point on contour 298.0 degrees  
D/U ratio at contour 21.89 dB  
Radial 105.0 degrees  
Bearing to point on contour 297.8 degrees  
D/U ratio at contour 21.89 dB  
Radial 106.0 degrees  
Bearing to point on contour 297.6 degrees  
D/U ratio at contour 21.87 dB  
Radial 107.0 degrees  
Bearing to point on contour 297.4 degrees  
D/U ratio at contour 21.87 dB  
Radial 108.0 degrees  
Bearing to point on contour 297.2 degrees  
D/U ratio at contour 21.88 dB  
Radial 109.0 degrees  
Bearing to point on contour 297.0 degrees  
D/U ratio at contour 21.87 dB  
Radial 110.0 degrees  
Bearing to point on contour 296.8 degrees  
D/U ratio at contour 21.89 dB  
Radial 111.0 degrees  
Bearing to point on contour 296.6 degrees  
D/U ratio at contour 21.91 dB  
Radial 112.0 degrees  
Bearing to point on contour 296.4 degrees  
D/U ratio at contour 21.96 dB  
Radial 113.0 degrees  
Bearing to point on contour 296.2 degrees  
D/U ratio at contour 22.00 dB  
Radial 114.0 degrees  
Bearing to point on contour 296.0 degrees  
D/U ratio at contour 22.02 dB  
Radial 115.0 degrees  
Bearing to point on contour 295.8 degrees  
D/U ratio at contour 22.02 dB  
Radial 116.0 degrees  
Bearing to point on contour 295.6 degrees  
D/U ratio at contour 22.02 dB  
Radial 117.0 degrees  
Bearing to point on contour 295.4 degrees  
D/U ratio at contour 22.05 dB  
Radial 118.0 degrees



Bearing to point on contour 295.2 degrees  
D/U ratio at contour 22.09 dB  
Radial 119.0 degrees  
Bearing to point on contour 295.0 degrees  
D/U ratio at contour 22.13 dB  
Radial 120.0 degrees  
Bearing to point on contour 294.8 degrees  
D/U ratio at contour 22.16 dB  
Radial 121.0 degrees  
Bearing to point on contour 294.7 degrees  
D/U ratio at contour 22.16 dB  
Radial 122.0 degrees  
Bearing to point on contour 294.5 degrees  
D/U ratio at contour 22.16 dB  
Radial 123.0 degrees  
Bearing to point on contour 294.3 degrees  
D/U ratio at contour 22.19 dB  
Radial 124.0 degrees  
Bearing to point on contour 294.1 degrees  
D/U ratio at contour 22.22 dB  
Radial 125.0 degrees  
Bearing to point on contour 293.9 degrees  
D/U ratio at contour 22.23 dB  
Radial 126.0 degrees  
Bearing to point on contour 293.7 degrees  
D/U ratio at contour 22.23 dB  
Radial 127.0 degrees  
Bearing to point on contour 293.5 degrees  
D/U ratio at contour 22.21 dB  
Radial 128.0 degrees  
Bearing to point on contour 293.3 degrees  
D/U ratio at contour 22.19 dB  
Radial 129.0 degrees  
Bearing to point on contour 293.1 degrees  
D/U ratio at contour 22.20 dB  
Radial 130.0 degrees  
Bearing to point on contour 292.9 degrees  
D/U ratio at contour 22.20 dB  
Radial 131.0 degrees  
Bearing to point on contour 292.7 degrees  
D/U ratio at contour 22.21 dB  
Radial 132.0 degrees  
Bearing to point on contour 292.5 degrees  
D/U ratio at contour 22.25 dB  
Radial 133.0 degrees  
Bearing to point on contour 292.3 degrees  
D/U ratio at contour 22.28 dB  
Radial 134.0 degrees  
Bearing to point on contour 292.1 degrees  
D/U ratio at contour 22.31 dB  
Radial 135.0 degrees  
Bearing to point on contour 291.9 degrees  
D/U ratio at contour 22.36 dB  
Radial 136.0 degrees  
Bearing to point on contour 291.8 degrees  
D/U ratio at contour 22.40 dB  
Radial 137.0 degrees

Bearing to point on contour 291.6 degrees  
 D/U ratio at contour 22.41 dB  
 Radial 138.0 degrees  
 Bearing to point on contour 291.4 degrees  
 D/U ratio at contour 22.45 dB  
 Radial 139.0 degrees  
 Bearing to point on contour 291.2 degrees  
 D/U ratio at contour 22.51 dB  
 Radial 140.0 degrees  
 Bearing to point on contour 291.1 degrees  
 D/U ratio at contour 22.55 dB  
 Radial 141.0 degrees  
 Bearing to point on contour 290.9 degrees  
 D/U ratio at contour 22.58 dB  
 Radial 142.0 degrees  
 Bearing to point on contour 290.7 degrees  
 D/U ratio at contour 22.61 dB  
 Radial 143.0 degrees  
 Bearing to point on contour 290.5 degrees  
 D/U ratio at contour 22.65 dB  
 Radial 144.0 degrees  
 Bearing to point on contour 290.3 degrees  
 D/U ratio at contour 22.70 dB  
 Radial 145.0 degrees  
 Bearing to point on contour 290.2 degrees  
 D/U ratio at contour 22.77 dB  
 Radial 146.0 degrees  
 Bearing to point on contour 290.1 degrees  
 D/U ratio at contour 22.81 dB  
 Radial 147.0 degrees  
 Bearing to point on contour 289.9 degrees  
 D/U ratio at contour 22.79 dB  
 Radial 148.0 degrees  
 Bearing to point on contour 289.8 degrees  
 D/U ratio at contour 22.75 dB  
 Radial 149.0 degrees  
 Bearing to point on contour 289.6 degrees  
 D/U ratio at contour 22.72 dB  
 Radial 150.0 degrees  
 Bearing to point on contour 289.4 degrees  
 D/U ratio at contour 22.71 dB  
 Radial 151.0 degrees  
 Bearing to point on contour 289.2 degrees  
 D/U ratio at contour 22.69 dB  
 Radial 152.0 degrees  
 Bearing to point on contour 289.0 degrees  
 D/U ratio at contour 22.69 dB  
 Radial 153.0 degrees  
 Bearing to point on contour 288.9 degrees  
 D/U ratio at contour 22.71 dB  
 Radial 154.0 degrees  
 Bearing to point on contour 288.7 degrees  
 D/U ratio at contour 22.72 dB  
 Radial 155.0 degrees  
 Bearing to point on contour 288.6 degrees  
 D/U ratio at contour 22.71 dB  
 Radial 156.0 degrees

Bearing to point on contour 288.4 degrees  
D/U ratio at contour 22.73 dB  
Radial 157.0 degrees  
Bearing to point on contour 288.3 degrees  
D/U ratio at contour 22.75 dB  
Radial 158.0 degrees  
Bearing to point on contour 288.1 degrees  
D/U ratio at contour 22.78 dB  
Radial 159.0 degrees  
Bearing to point on contour 288.0 degrees  
D/U ratio at contour 22.85 dB  
Radial 160.0 degrees  
Bearing to point on contour 287.9 degrees  
D/U ratio at contour 22.91 dB  
Radial 161.0 degrees  
Bearing to point on contour 287.8 degrees  
D/U ratio at contour 22.98 dB  
Radial 162.0 degrees  
Bearing to point on contour 287.7 degrees  
D/U ratio at contour 23.03 dB  
Radial 163.0 degrees  
Bearing to point on contour 287.6 degrees  
D/U ratio at contour 23.09 dB  
Radial 164.0 degrees  
Bearing to point on contour 287.6 degrees  
D/U ratio at contour 23.16 dB  
Radial 165.0 degrees  
Bearing to point on contour 287.5 degrees  
D/U ratio at contour 23.19 dB  
Radial 166.0 degrees  
Bearing to point on contour 287.4 degrees  
D/U ratio at contour 23.19 dB  
Radial 167.0 degrees  
Bearing to point on contour 287.2 degrees  
D/U ratio at contour 23.19 dB  
Radial 168.0 degrees  
Bearing to point on contour 287.0 degrees  
D/U ratio at contour 23.24 dB  
Radial 169.0 degrees  
Bearing to point on contour 286.9 degrees  
D/U ratio at contour 23.32 dB  
Radial 170.0 degrees  
Bearing to point on contour 286.9 degrees  
D/U ratio at contour 23.38 dB  
Radial 171.0 degrees  
Bearing to point on contour 286.8 degrees  
D/U ratio at contour 23.42 dB  
Radial 172.0 degrees  
Bearing to point on contour 286.7 degrees  
D/U ratio at contour 23.46 dB  
Radial 173.0 degrees  
Bearing to point on contour 286.5 degrees  
D/U ratio at contour 23.49 dB  
Radial 174.0 degrees  
Bearing to point on contour 286.4 degrees  
D/U ratio at contour 23.52 dB  
Radial 175.0 degrees

Bearing to point on contour 286.2 degrees  
 D/U ratio at contour 23.58 dB  
 Radial 176.0 degrees  
 Bearing to point on contour 286.1 degrees  
 D/U ratio at contour 23.64 dB  
 Radial 177.0 degrees  
 Bearing to point on contour 286.1 degrees  
 D/U ratio at contour 23.69 dB  
 Radial 178.0 degrees  
 Bearing to point on contour 286.0 degrees  
 D/U ratio at contour 23.75 dB  
 Radial 179.0 degrees  
 Bearing to point on contour 285.9 degrees  
 D/U ratio at contour 23.83 dB  
 Radial 180.0 degrees  
 Bearing to point on contour 285.8 degrees  
 D/U ratio at contour 23.89 dB  
 Radial 181.0 degrees  
 Bearing to point on contour 285.8 degrees  
 D/U ratio at contour 23.96 dB  
 Radial 182.0 degrees  
 Bearing to point on contour 285.7 degrees  
 D/U ratio at contour 24.04 dB  
 Radial 183.0 degrees  
 Bearing to point on contour 285.7 degrees  
 D/U ratio at contour 24.11 dB  
 Radial 184.0 degrees  
 Bearing to point on contour 285.6 degrees  
 D/U ratio at contour 24.19 dB  
 Radial 185.0 degrees  
 Bearing to point on contour 285.6 degrees  
 D/U ratio at contour 24.27 dB  
 Radial 186.0 degrees  
 Bearing to point on contour 285.6 degrees  
 D/U ratio at contour 24.36 dB  
 Radial 187.0 degrees  
 Bearing to point on contour 285.6 degrees  
 D/U ratio at contour 24.46 dB  
 Radial 188.0 degrees  
 Bearing to point on contour 285.6 degrees  
 D/U ratio at contour 24.57 dB  
 Radial 189.0 degrees  
 Bearing to point on contour 285.7 degrees  
 D/U ratio at contour 24.67 dB  
 Radial 190.0 degrees  
 Bearing to point on contour 285.7 degrees  
 D/U ratio at contour 24.75 dB  
 Radial 191.0 degrees  
 Bearing to point on contour 285.7 degrees  
 D/U ratio at contour 24.84 dB  
 Radial 192.0 degrees  
 Bearing to point on contour 285.7 degrees  
 D/U ratio at contour 24.93 dB  
 Radial 193.0 degrees  
 Bearing to point on contour 285.8 degrees  
 D/U ratio at contour 25.01 dB  
 Radial 194.0 degrees



Bearing to point on contour 285.8 degrees  
D/U ratio at contour 25.10 dB  
Radial 195.0 degrees  
Bearing to point on contour 285.8 degrees  
D/U ratio at contour 25.19 dB  
Radial 196.0 degrees  
Bearing to point on contour 285.8 degrees  
D/U ratio at contour 25.28 dB  
Radial 197.0 degrees  
Bearing to point on contour 285.9 degrees  
D/U ratio at contour 25.36 dB  
Radial 198.0 degrees  
Bearing to point on contour 285.9 degrees  
D/U ratio at contour 25.43 dB  
Radial 199.0 degrees  
Bearing to point on contour 285.8 degrees  
D/U ratio at contour 25.51 dB  
Radial 200.0 degrees  
Bearing to point on contour 285.8 degrees  
D/U ratio at contour 25.59 dB  
Radial 201.0 degrees  
Bearing to point on contour 285.8 degrees  
D/U ratio at contour 25.67 dB  
Radial 202.0 degrees  
Bearing to point on contour 285.8 degrees  
D/U ratio at contour 25.75 dB  
Radial 203.0 degrees  
Bearing to point on contour 285.8 degrees  
D/U ratio at contour 25.83 dB  
Radial 204.0 degrees  
Bearing to point on contour 285.8 degrees  
D/U ratio at contour 25.91 dB  
Radial 205.0 degrees  
Bearing to point on contour 285.7 degrees  
D/U ratio at contour 25.99 dB  
Radial 206.0 degrees  
Bearing to point on contour 285.7 degrees  
D/U ratio at contour 26.07 dB  
Radial 207.0 degrees  
Bearing to point on contour 285.7 degrees  
D/U ratio at contour 26.15 dB  
Radial 208.0 degrees  
Bearing to point on contour 285.7 degrees  
D/U ratio at contour 26.24 dB  
Radial 209.0 degrees  
Bearing to point on contour 285.6 degrees  
D/U ratio at contour 26.33 dB  
Radial 210.0 degrees  
Bearing to point on contour 285.7 degrees  
D/U ratio at contour 26.41 dB  
Radial 211.0 degrees  
Bearing to point on contour 285.7 degrees  
D/U ratio at contour 26.50 dB  
Radial 212.0 degrees  
Bearing to point on contour 285.6 degrees  
D/U ratio at contour 26.59 dB  
Radial 213.0 degrees

Bearing to point on contour 285.7 degrees  
D/U ratio at contour 26.68 dB  
Radial 214.0 degrees  
Bearing to point on contour 285.7 degrees  
D/U ratio at contour 26.77 dB  
Radial 215.0 degrees  
Bearing to point on contour 285.6 degrees  
D/U ratio at contour 26.86 dB  
Radial 216.0 degrees  
Bearing to point on contour 285.6 degrees  
D/U ratio at contour 26.96 dB  
Radial 217.0 degrees  
Bearing to point on contour 285.6 degrees  
D/U ratio at contour 27.06 dB  
Radial 218.0 degrees  
Bearing to point on contour 285.7 degrees  
D/U ratio at contour 27.15 dB  
Radial 219.0 degrees  
Bearing to point on contour 285.7 degrees  
D/U ratio at contour 27.25 dB  
Radial 220.0 degrees  
Bearing to point on contour 285.7 degrees  
D/U ratio at contour 27.36 dB  
Radial 221.0 degrees  
Bearing to point on contour 285.8 degrees  
D/U ratio at contour 27.46 dB  
Radial 222.0 degrees  
Bearing to point on contour 285.9 degrees  
D/U ratio at contour 27.56 dB  
Radial 223.0 degrees  
Bearing to point on contour 286.0 degrees  
D/U ratio at contour 27.66 dB  
Radial 224.0 degrees  
Bearing to point on contour 286.0 degrees  
D/U ratio at contour 27.77 dB  
Radial 225.0 degrees  
Bearing to point on contour 286.1 degrees  
D/U ratio at contour 27.87 dB  
Radial 226.0 degrees  
Bearing to point on contour 286.2 degrees  
D/U ratio at contour 27.98 dB  
Radial 227.0 degrees  
Bearing to point on contour 286.3 degrees  
D/U ratio at contour 28.08 dB  
Radial 228.0 degrees  
Bearing to point on contour 286.3 degrees  
D/U ratio at contour 28.19 dB  
Radial 229.0 degrees  
Bearing to point on contour 286.4 degrees  
D/U ratio at contour 28.29 dB  
Radial 230.0 degrees  
Bearing to point on contour 286.6 degrees  
D/U ratio at contour 28.40 dB  
Radial 231.0 degrees  
Bearing to point on contour 286.6 degrees  
D/U ratio at contour 28.51 dB  
Radial 232.0 degrees

Bearing to point on contour 286.7 degrees  
D/U ratio at contour 28.61 dB  
Radial 233.0 degrees  
Bearing to point on contour 286.8 degrees  
D/U ratio at contour 28.71 dB  
Radial 234.0 degrees  
Bearing to point on contour 287.0 degrees  
D/U ratio at contour 28.81 dB  
Radial 235.0 degrees  
Bearing to point on contour 287.1 degrees  
D/U ratio at contour 28.92 dB  
Radial 236.0 degrees  
Bearing to point on contour 287.2 degrees  
D/U ratio at contour 29.02 dB  
Radial 237.0 degrees  
Bearing to point on contour 287.3 degrees  
D/U ratio at contour 29.11 dB  
Radial 238.0 degrees  
Bearing to point on contour 287.5 degrees  
D/U ratio at contour 29.21 dB  
Radial 239.0 degrees  
Bearing to point on contour 287.6 degrees  
D/U ratio at contour 29.31 dB  
Radial 240.0 degrees  
Bearing to point on contour 287.7 degrees  
D/U ratio at contour 29.41 dB  
Radial 241.0 degrees  
Bearing to point on contour 287.9 degrees  
D/U ratio at contour 29.51 dB  
Radial 242.0 degrees  
Bearing to point on contour 288.0 degrees  
D/U ratio at contour 29.62 dB  
Radial 243.0 degrees  
Bearing to point on contour 288.1 degrees  
D/U ratio at contour 29.73 dB  
Radial 244.0 degrees  
Bearing to point on contour 288.2 degrees  
D/U ratio at contour 29.83 dB  
Radial 245.0 degrees  
Bearing to point on contour 288.3 degrees  
D/U ratio at contour 29.94 dB  
Radial 246.0 degrees  
Bearing to point on contour 288.4 degrees  
D/U ratio at contour 30.05 dB  
Radial 247.0 degrees  
Bearing to point on contour 288.5 degrees  
D/U ratio at contour 30.17 dB  
Radial 248.0 degrees  
Bearing to point on contour 288.6 degrees  
D/U ratio at contour 30.29 dB  
Radial 249.0 degrees  
Bearing to point on contour 288.7 degrees  
D/U ratio at contour 30.41 dB  
Radial 250.0 degrees  
Bearing to point on contour 288.8 degrees  
D/U ratio at contour 30.53 dB  
Radial 251.0 degrees

Bearing to point on contour 288.8 degrees  
D/U ratio at contour 30.65 dB  
Radial 252.0 degrees  
Bearing to point on contour 289.0 degrees  
D/U ratio at contour 30.76 dB  
Radial 253.0 degrees  
Bearing to point on contour 289.1 degrees  
D/U ratio at contour 30.88 dB  
Radial 254.0 degrees  
Bearing to point on contour 289.2 degrees  
D/U ratio at contour 30.99 dB  
Radial 255.0 degrees  
Bearing to point on contour 289.3 degrees  
D/U ratio at contour 31.10 dB  
Radial 256.0 degrees  
Bearing to point on contour 289.5 degrees  
D/U ratio at contour 31.21 dB  
Radial 257.0 degrees  
Bearing to point on contour 289.6 degrees  
D/U ratio at contour 31.33 dB  
Radial 258.0 degrees  
Bearing to point on contour 289.7 degrees  
D/U ratio at contour 31.45 dB  
Radial 259.0 degrees  
Bearing to point on contour 289.9 degrees  
D/U ratio at contour 31.57 dB  
Radial 260.0 degrees  
Bearing to point on contour 290.0 degrees  
D/U ratio at contour 31.65 dB  
Radial 261.0 degrees  
Bearing to point on contour 290.1 degrees  
D/U ratio at contour 31.72 dB  
Radial 262.0 degrees  
Bearing to point on contour 290.2 degrees  
D/U ratio at contour 31.79 dB  
Radial 263.0 degrees  
Bearing to point on contour 290.4 degrees  
D/U ratio at contour 31.86 dB  
Radial 264.0 degrees  
Bearing to point on contour 290.5 degrees  
D/U ratio at contour 31.93 dB  
Radial 265.0 degrees  
Bearing to point on contour 290.7 degrees  
D/U ratio at contour 32.00 dB  
Radial 266.0 degrees  
Bearing to point on contour 290.8 degrees  
D/U ratio at contour 32.06 dB  
Radial 267.0 degrees  
Bearing to point on contour 291.0 degrees  
D/U ratio at contour 32.13 dB  
Radial 268.0 degrees  
Bearing to point on contour 291.1 degrees  
D/U ratio at contour 32.19 dB  
Radial 269.0 degrees  
Bearing to point on contour 291.2 degrees  
D/U ratio at contour 32.24 dB  
Radial 270.0 degrees



Bearing to point on contour 291.4 degrees  
D/U ratio at contour 32.30 dB  
Radial 271.0 degrees  
Bearing to point on contour 291.6 degrees  
D/U ratio at contour 32.35 dB  
Radial 272.0 degrees  
Bearing to point on contour 291.7 degrees  
D/U ratio at contour 32.40 dB  
Radial 273.0 degrees  
Bearing to point on contour 291.9 degrees  
D/U ratio at contour 32.44 dB  
Radial 274.0 degrees  
Bearing to point on contour 292.1 degrees  
D/U ratio at contour 32.49 dB  
Radial 275.0 degrees  
Bearing to point on contour 292.2 degrees  
D/U ratio at contour 32.54 dB  
Radial 276.0 degrees  
Bearing to point on contour 292.4 degrees  
D/U ratio at contour 32.58 dB  
Radial 277.0 degrees  
Bearing to point on contour 292.6 degrees  
D/U ratio at contour 32.62 dB  
Radial 278.0 degrees  
Bearing to point on contour 292.7 degrees  
D/U ratio at contour 32.67 dB  
Radial 279.0 degrees  
Bearing to point on contour 292.9 degrees  
D/U ratio at contour 32.71 dB  
Radial 280.0 degrees  
Bearing to point on contour 293.1 degrees  
D/U ratio at contour 32.75 dB  
Radial 281.0 degrees  
Bearing to point on contour 293.3 degrees  
D/U ratio at contour 32.77 dB  
Radial 282.0 degrees  
Bearing to point on contour 293.4 degrees  
D/U ratio at contour 32.80 dB  
Radial 283.0 degrees  
Bearing to point on contour 293.6 degrees  
D/U ratio at contour 32.82 dB  
Radial 284.0 degrees  
Bearing to point on contour 293.8 degrees  
D/U ratio at contour 32.84 dB  
Radial 285.0 degrees  
Bearing to point on contour 294.0 degrees  
D/U ratio at contour 32.85 dB  
Radial 286.0 degrees  
Bearing to point on contour 294.2 degrees  
D/U ratio at contour 32.84 dB  
Radial 287.0 degrees  
Bearing to point on contour 294.3 degrees  
D/U ratio at contour 32.85 dB  
Radial 288.0 degrees  
Bearing to point on contour 294.5 degrees  
D/U ratio at contour 32.85 dB  
Radial 289.0 degrees